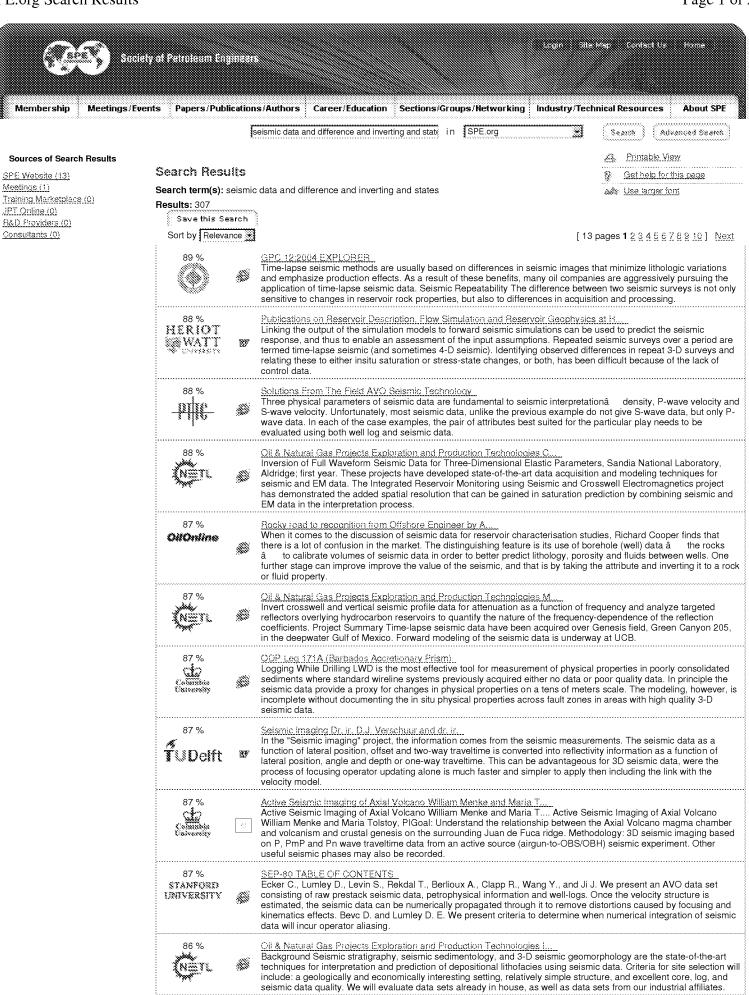
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However, the cost of FD modeling remains too expensive for typical 3D seismic data volumes. The proposed approach has given encouraging results for a variety of textures and seismic data sets. First, two new data-fusion algorithms synthesize a new data set from two source data sets, one with mostly high-frequency content, such as seismic data, and the other with mostly low-frequency content, such as velocity data.





Active Seismic Imaging of Axial Volcano.

Methodology: 3D seismic imaging based on P, PmP and Pn wave traveltime data from an active source (airgun-to-OBS/OBH) seismic experiment. Webb & Sohn have encouraged our efforts, because the data will complement their project nicely. They will collect data continuously at 128 samples/s, a rate sufficiently high to record an airgun





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529 PDF
Traditional seismic lithology estimation involves taking the gathered data, stacking it, applying inversion, and calculating the estimate, using only acoustic impedance, which is not suffi- cient for estimating fluid content. In each of the case examples, the pair of attributes best suited for the particular play needs to be evaluated using both well log and seismic data. The discussion of anisotropy as it effects seismic interpretation cited a number of studies and the differences in results.





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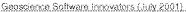




<u>SEF-93 TABLE OF CONTENTS.</u>

Next: Up: SEP-93 -- TABLE OF CONTENTS 3-D Seismic () () Biondi B. Common-azimuth migration accurately imaged in depth a marine 3-D prestack data set recorded in the North Sea. The processing of seismic data for amplitude inversion requires both accuracy of algorithms and proper handling of irregular geometry. Information on the reliability of interpolated data is also generated and displayed simultaneously with the seismic data for improved interpretation.





The suite is now available for use in CGG's data processing centers and at client locations. Green Mountain Geophysics Variations in the thickness and velocity of thin low-velocity surface layers onshore, and irregular waterbottom topography and velocity variations in sediments cause poor seismic data quality and distort the seismic image. InfoLogic InfoLogic InfoLogic is collaborating with GeoQuest's Data Management division to create a geochemistry data extension to GeoQuest's Finder.





Page 1 Seismic imaging Dr. ir. D.J.
In the "Seismic imaging" project, the information comes from the seismic measurements. The seismic data as a function of lateral position, offset and two-way traveltime is converted into reflectivity information as a function of lateral position, angle and depth or one-way traveltime. This can be advantageous for 3D seismic data, were the process of focusing operator updating alone is much faster and simpler to apply then including the link with the





They have successfully implemented the stochastic inversion approach on borehole seismic data. Developed a sampling-based stochastic model to invert full waveform single borehole seismic data. The forward model consists of finite-difference numerical simulation of the acoustic or elastic wave equations in cylindrical coordinates Developed an inversion code to invert borehole electromagnetic data into axial-symmetric distributions of electrical conductivity.





This is the title of an example SEG abstract using Microsoft Word 11-point bold type

Page 2 Seismic techniques to delineate dissolution features Acquisition Data for the 2Â1/2-D survey were acquired with state-of-the-art near-surface imaging equipment. Processing Processing of these data was consistent with all current metho- dologies and flows using software specially designed and written for shallow seismic surveys. Shallow seismic reflection processing flows must be opti- mized/customized for each data set and target objective.



Presentations in 2002. 2002 Presentations 2002 1st Author Title Meeting and Date W. Ambrose Pliocene and Miocene Shoreface Gas Plays in the Macuspana Basin, Southeastern Mexico () AAPG 2002, Houston, March 10â 13 W. Ambrose Seismic Imaging of Upper Miocene Fluvial Reservoirs in the Southern Macuspana Basin, Southeastern Mexico SEG Annual Meeting, Salt Lake City, Utah, Oct 6â 11 W. Ambrose Upper Miocene and Pliocene Shallow-Marine and Deepwater Gas-Producing Systems in the Macuspana Basin,





AAPG Dt. Full Name
The scale differences, between these data, the quality variability and the analysis of phase, frequency and anisotropy of the seismic data complicate the process. There is a natural link between inverted seismic data and seismic sequence stratigraphic analysis but often these two disciplines are analyzed separately. When properly inverted and analyzed, the seismic data can yield rock properties, minimize the wavelet effects and allow for a more straight forward medium for interpretation.





Adaptive Grid-search Technique for Accurate Locations and Depths of Events Using Regional Data.

Adaptive Grid-search Technique for Accurate Locations and Depths of Events Using Regional Data. Thus, we have a natural laboratory to observe seismic wave complexity generated by different types of earthquakes in variety of tectonic settings. One of the simplest profiles of data is displayed in the lower panel, on the left.



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It is even being suggested that companies may sometimes be able to go straight from 2D seismic to CSEM without the need for a costly 3D seismic survey. This would equate to 25% of current spending on offshore seismic. Statoil paid for the project insisting on various confidentiality conditions, the validity of which seems subsequently to have been open to different interpretations.

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